

Selection Guide

Circuit breakers for power distribution

T4 – T8

Tmax
MCCBs



T4



T5



T6



T7



T8

Type		Tmax T4					Tmax T5					Tmax T6				Tmax T7/T7M			Tmax T8	
Frame size	[A]	250					400-600 ③					800				1000-1200			1600, 2000, 2500 & 3000	
Number of poles	[Nr]	2-3-4 ④					2-3-4 ④					3-4				3-4			3-4	
Rated voltage	AC (50-60Hz)	[V] 600					600					600				600			600	
	DC	[V] 600					600					600								
Interrupting ratings		N	S	H	L	V	N	S	H	L	V	N	S	H	L	S	H	L	V	
240V AC	[kA rms]	65	100	150	200	200	65	100	150	200	200	65	100	200	200	65	100	150	125	
277V AC	[kA rms]																			
347V AC	[kA rms]																			
480V AC	[kA rms]	25	35	65	100	150	25	35	65	100	150	35	50	65	100	50	65	100	125	
600Y/347V AC	[kA rms]																			
600V AC	[kA rms]	18	25	35	65	100	18	25	35	65	100	20	25	35	42	25	50	65	100	
250V DC (2 poles in series)	[kA rms]																			
500V DC (3 poles in series)	[kA rms]																			
500V DC (2 poles in series)	[kA rms]	25	35	50	65	100	25	35	50	65	100	35	35	50	65					
600V DC (3 poles in series)	[kA rms]	16	25	35	50	65	16	25	35	50	65	20	20	35	50					
Trip units																				
	TMF			■																
	TMD/TMA			■					■					■						
	ELT																			
	MA																			
	Electronic			■					■					■				■		
Dimensions	H	[in/mm] 8.07/205					8.07/205					10.55/268				10.55/268			15 / 382	
	W 3p	[in/mm] 4.13/105					5.51/140					8.26/210				8.26/210			16.8 / 427	
	D	[in/mm] 4.07/103.5					4.07/103.5					4.07/103.5				6.06/154 (toggle) 7/178 (motor)			11.2 / 282	
Mechanical life	[No. operations]	20,000					20,000					20,000				10,000			15,000	

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① In15A = 10kA@277 VAC 10kA@347 VAC
 ② In15A = 35kA@240 VAC 14kA@480Y/277 VAC
 ③ T5 600 with electronic trip units only and in three pole version-
 ④ 2p T4N250 and T5N400 available only in N interrupting capacity.
 ⑤ In from 15A up to 30A=65kA@480 VAC
 ⑥ Applies to MCS only.

T6

600A, 800A, 600V Δ

Thermal magnetic and electronic

T6

600A, 600V Δ

Electronic Trip Units 100% Rated

Breaker	IC at 480VAC	Trip type	Adjustment	3 pole, 600VAC catalog number	List price
T6N	35	PR221	LS/I	T6NQ600BW	\$ 7,590
		PR222	LSI	T6NQ600CW	7,216
		PR222	LSIG	T6NQ600EW	9,240
T6S	50	PR221	LS/I	T6SQ600BW	8,030
		PR222	LSI	T6SQ600CW	8,580
		PR222	LSIG	T6SQ600EW	9,680
T6H	65	PR221	LS/I	T6HQ600BW	10,230
		PR222	LSI	T6HQ600CW	10,780
		PR222	LSIG	T6HQ600EW	12,980
T6L	100	PR221	LS/I	T6LQ600BW	10,505
		PR222	LSI	T6LQ600CW	11,605
		PR222	LSIG	T6LQ600EW	12,713

T6

800A, 600V

Electronic Trip Units 100% Rated

Breaker	IC at 480VAC	Trip type	Adjustment	3 pole, 600VAC catalog number	List price
T6N	35	PR221	LS/I	T6NQ800BW	\$ 8,910
		PR222	LSI	T6NQ800CW	9,460
		PR222	LSIG	T6NQ800EW	11,660
T6S	50	PR221	LS/I	T6SQ800BW	10,010
		PR222	LSI	T6SQ800CW	10,560
		PR222	LSIG	T6SQ800EW	12,760
T6H	65	PR221	LS/I	T6HQ800BW	10,230
		PR222	LSI	T6HQ800CW	10,780
		PR222	LSIG	T6HQ800EW	12,980
T6L	100	PR221	LS/I	T6LQ800BW	12,062
		PR222	LSI	T6LQ800CW	12,612
		PR222	LSIG	T6LQ800EW	14,812

T6

600A, 600V Δ

Electronic Trip Units Instantaneous Only

Breaker	IC at 480VAC	kA	Trip type	Adjustment Range	3 pole, 600VAC catalog number	List price
T6N	35		PR221	600-6000	T6N600E5W	\$ 5,929
T6S	50		PR221	600-6000	T6S600E5W	6,407
T6H	65		PR221	600-6000	T6H600E5W	6,623
T6L	100		PR221	600-6000	T6L600E5W	8,635

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T6

800A, 600V

Electronic Trip Units Instantaneous Only

Breaker	IC at 480VAC	kA	Trip type	Adjustment Range	3 pole, 600VAC catalog number	List price
T6N	35		PR221	800-8000	T6N800E5W	\$ 6,254
T6S	50		PR221	800-8000	T6S800E5W	6,733
T6H	65		PR221	800-8000	T6H800E5W	6,948
T6L	100		PR221	800-8000	T6L800E5W	8,961

T6

800A, 600V

Molded Case Switch

Breaker	IC at 480VAC ①	Amp	Magnetic Trip	3 pole, 600VAC catalog number	List price
T6H	65	800	10,000	T6H800DW	\$ 4,824

NOTE: See pages 16.57 - 16.70 for electrical/mechanical accessories.

① When protected by a OCPD with appropriate ratings.